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Pan		4,432,136	02/21/1984	TAYLO	)R				
12		4,461,078	07/24/1984	CARRE	EKER				
12		4,989,328	02/05/1991	sokoi	OFF		-		<u>.</u>
n		6,052,905	04/25/2000	BRANC	CHINELLI ET AL				
12		6,581,290	06/24/2003	FISHE	L		~		
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				FOREIG	N PATENT DOCUMENTS				
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Sheet	1	of	1

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Application Number	10/257,715				
Filing Date	October 16, 2002				
First Named Inventor	Kasuhiro Asayama, et al.	•			
Group Art Unit	3746				
Examiner Name	Emmanuel Sayoc				
Attorney Docket Number	960-130				

			U.S. PATEN	T DOCUMENTS	·		
	T <sub>611</sub>	Document Number	Publication Date NM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passage		
Examiner Initials *	Cite No.	Number - Kind Code <sup>2</sup> (if known)			or Relevani Figures Appear		
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FOREIGN PATENT DOCUMENTS							
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Examiner Initials*		Country Code <sup>3</sup> – Number <sup>4</sup> - Kind Code <sup>3</sup> ( <i>Y known</i> )	Publication Date NM-DD-YYYY		Passages or Relevant Figures Appear	T <sup>0</sup>	
		FR 2 640 324	6/15/1990	Ferrucci			
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